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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: September 18, 2006

(use as many sheets as necessary)

Complete if Known

Application Number	Unassigned
Filing Date	09/18/2006
First Named Inventor	Motohiro IKAWA
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	046262-0143

Sheet

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/GM/	A1	2002/0031236	A1	SHIMIZU ET AL.	03-14-2002	
/GM/	A2	2001/0026624	A1	KON ET AL.	10-04-2001	

**UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS**

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		Serial Number	Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
/GM/	A3	JP	2002-101485	A	SONY CORP	04-05-2002	ABS	
/GM/	A4	JP	2004-13084	A	SHARP CORP	01-15-2004	ABS	
/GM/	A5	JP	2003-318673	A	MITSUBISHI ELECTRIC CORP	11-07-2003	ABS	
/GM/	A6	JP	2001-285983	A	SANYO ELECTRIC CO	10-12-2001	ABS	
/GM/	A7	JP	11-68484	A	AIWA CO LTD	03-09-1999	ABS	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.						T <sup>6</sup>

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